



## SAE 0W30 INFINOIL PHENOM X FULLY SYNTHETIC (INFSYN 30012)

**Performance Standard: API SJ/SL/SM/SN**

**Manufacturer: MICRATTO TECHNOLOGIES, MALAYSIA**

### Product Description

SAE 0W30 INFINOIL PHENOM X FULLY SYNTHETIC (INFSYN 30012) is an extra high performance petrol engine oil that provides excellent lubrication of today's petrol engines promoting extended engine life. As a result, this product meets or exceeds the specifications of virtually all major European and American engine manufacturers. This extra high performance has been proven in the field in a wide variety of industries, applications, and mixed fleets. It offers extra protection to engine, clutch & gears, value for money with 70% Extra Mileage and outstanding performance in all weathers.

### Features and Benefits

INFINOIL PHENOM X FULLY SYNTHETIC is formulated from high performance base oils and a superior balanced additive system to provide optimum engine performance in modern diesel and gasoline engines as well as older models.

The key benefits include:

| Features                                   | Advantages and Benefits                                  |
|--------------------------------------------|----------------------------------------------------------|
| High thermal and oxidation stability       | Reduced sludge build-up, deposits and viscosity increase |
| TBN reserves                               | Deposit control and acid neutralization                  |
| Stay-in-grade shear stability              | Wear protection and viscosity control                    |
| Excellent low temperature properties       | Start-up wear protection                                 |
| Meets demanding specifications of key OEMs | One engine oil for mixed fleet operations                |



## Applications

✚ Engineered to help deliver outstanding engine protection and improved fuel economy.

**SAE 0W30 INFINOIL PHENOM X FULLY SYNTHETIC meets or exceeds the requirements of the following industry and builder specifications**

|                                 |                      |                    |
|---------------------------------|----------------------|--------------------|
| API SL/SM/SN                    | MB-Approval 228.3    | API CF             |
| ACEA E7                         | Mack EO-M PLUS/EO-N  | ACEA A2/B2         |
| Caterpillar ECF-2               | Volvo VDS-3          | Volvo VDS-2        |
| Cummins CES 20078, 20077, 20076 | Renault Trucks RLD-2 | Renault Trucks RLD |
| JASO DH-1                       | MTU Oil Category 2   |                    |

## TYPICAL PROPERTIES:

| SL NO | TEST PARAMETERS              | TEST METHODS   | UNITS    | RESULTS**      |
|-------|------------------------------|----------------|----------|----------------|
| 1     | Appearance                   | Visual         | NONE     | Bright & Clear |
| 2     | Color                        | ASTM D 1500-12 | NONE     | Report         |
| 3     | Total Base Number            | ASTM D 2896    | mg KOH/g | Min 7          |
| 4     | Density @ 15°C               | ASTM D 4052-11 | g/ml     | 0.8507         |
| 5     | Kinematic Viscosity @ 40 °C  | ASTM D 445     | cSt      | 62.9           |
| 6     | Kinematic Viscosity @ 100 °C | ASTM D 445     | cSt      | 10.9           |
| 7     | Viscosity Index              | ASTM D 2270    | NONE     | 166            |
| 8     | Pour Point                   | ASTM D 97      | °C       | -49            |
| 9     | CCS @ -35°C                  | ASTM D 5293    | cP       | 6100           |
| 10    | Flash Point                  | ASTM D 92      | °C       | 226            |

(\*\*The features mentioned above are average values obtained with some variability in production and do not constitute a specification)

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.